

I claim:

1. A tire pressure measurement device capable of automatically generating electric power for measuring a tire pressure value of a tested tire and wirelessly sending out said tire pressure value, said tire pressure measurement device comprising

a microprocessor control unit connected with a tire pressure measurement unit; and

a wireless transceiver and an inflation/deflation control component, said microprocessor control unit processing signal data obtained by said tire pressure measurement unit and wirelessly sending out said signal data via said wireless transceiver, or receiving signals from said wireless transceiver, thereby operating said inflation/deflation control component;

whereby working electric power of said microprocessor control unit comes from an automatic generating unit having one or more permanent magnets annularly arranged on a braking panel, and wherein an induction coil is disposed on a corresponding portion of said permanent magnet, said induction coil is formed by continually winding a conducting wire around an aluminum ring, each distal end of said induction coil is connected to an electric power lead-out wire, and said induction coil can generate an induced electromotive force through rotation of said wheel and provide power for said microprocessor control unit.

2. The tire pressure measurement device capable of automatically generating electric power as claimed in claim 1, wherein a thermometer for measuring a temperature of said tire is disposed in said tire room, and said thermometer is connected with said electric power lead-out wires of said induction coil and said microprocessor control unit.
3. The tire pressure measurement device capable of automatically generating electric power as claimed in claim 1, wherein a gradienter for measuring a balance status of said tire is disposed in said tire room, and said gradienter is connected with said electric power lead-out wires of said induction coil and said microprocessor control unit.